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Datasheet for ABIN1675611
Keratin 77 Protein (KRT77) (AA 1-519) (His tag)

Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | Keratin 77 (KRT77) |
| Protein Characteristics: | AA 1-519 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Keratin 77 protein is labelled with His tag. |
| Application: | ELISA |

Product Details

| | |
|------------------|--|
| Sequence: | MSRQFSSQSA FSSRSRRVYS TRSSSGFGGG RQILVSVGQS RRCGGDYGGG FSSRSLYSLG GSKSIFGGLV GRSASGFCQS RGAGGGFSGG FGGGRSFGGG GFGGGYGGGG RFGGGFGGGF GTSNFGLLGGF GPSYPPGGIH EVTVNQSLLE PLHLEVDPEI QKIQTQEREQ IKTLNKNKFAS FIDKVRFLEQ QNQVLQTKWE LLQQVNTSTR TSSLEPIFEE FINQLQRQVD VLTNEQLRQN SEIRSMQDIV EDYKNKYEDE INKRTNSEND FVVLKKDVDA AFMAKSDLQS RVDTLTYGEIN FLKYLFDTEL SQQTHVSDT NVILSMDNNR SLDLDSIINA VRTQYELIAQ KSKDEAEALY QTKYQELQIT AGKHGDDLKN SKMEISELNR NAQRLQAEIA NIKKQIEQMH GSISDAEERG ERALQDAKQK LQETEEALQQ MKEDLARLLR DYQALLGAKL SLDVEIATYR ELLEGEESRM SGALQSQVSI WALPSNEGND LGERLHDPQS QVPVPLKGC |
| Specificity: | Rattus norvegicus (Rat) |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time. |

Product Details

Purity: > 90 %

Target Details

Target: Keratin 77 (KRT77)

Alternative Name: Keratin, type II cytoskeletal 1b (Krt77) ([KRT77 Products](#))

Background: Recommended name: Keratin, type II cytoskeletal 1b.
Alternative name(s): Cytokeratin-1B.
Short name= CK-1B Keratin-77.
Short name= K77 Type-II keratin Kb39

UniProt: [Q6IG01](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.